



# Chassis Alignment Test Sheet



Branch Agency -- Firm no.

Customer

Vehicle ident no.

Repair order no.

7161

Measurement carried out: Name  
Manager

Date/Time

20.3.19 14:56

Odometer reading: km/miles

5905

License plate no.  
M9920

First reg. date Model

Mercedes-Benz 2018 253 (GLC) AMG Sport M276  
Left-hand Drive

Complaints or reason for alignment check

Tire performance: km/miles  
102

Tire make	Tire designation	Front left	Front right	Rear left	Rear right
CONTINENATL	255/40R21 102Y, 285/35R21 105Y	32,0	32,0	32,0	32,0
Tire air pressure (cold tires) bar/psi/kPa		7,0mm	7,0mm	7,0mm	7,0mm
Tire tread depth (mm)	outside	7,0mm	7,0mm	7,0mm	7,0mm
	center	7,0mm	7,0mm	7,0mm	7,0mm
	inside	7,0mm	7,0mm	7,0mm	7,0mm
Front axle vehicle level ready for driving (mm/°)	left	-8mm/2.7° ed	1.6°	+/-1.6°	-8mm/2.7° ed
	right	-7mm/2.9° ed			-7mm/2.9° ed
Shock tube length (mm)	left				
	right				
Ball point location (mm)	left				
	right				
Rear axle vehicle level ready for driving (mm/°)	left	-7mm/-0.4° ed	-1.2°	+/-1.0°	-7mm/-0.4° ed
	right	-7mm/-0.4° ed			-7mm/-0.4° ed
Control point with level control (mm/°)	left	-1°42'	-2°01'	+/-0°24'	-1°39'
	right	-2°06'			-2°03'
Rear axle	left				
	right				
Caster (°)	total	0°17'	0°22'	+/-0°07'	0°22'
	left	0°13'	0°11'	+/-0°07'	0°11'
Toe +/- (°)	left	0°04' *	0°00'	+/-0°04'	0°00'
	right	0°05' *	0°00'	+/-0°04'	0°00'
Geometrical driving axis	left	-1°27'	-1°33'	+/-0°22'	-1°25'
	right	-1°23'	-1°32'	+/-0°22'	-1°21'
Caster (°) by way of steering lock	left	8°16'	8°26'	+/-0°30'	8°20'
	right	8°02'	8°25'	+/-0°30'	8°03'
Track diff. angle +/- (°) right wheel lock 20°	left	-1°14'	-1°03'	+/-0°30'	-1°12'
	left wheel lock 20°	-1°26'			-1°25'
Front axle	Setback	-0°02'			-0°03'
	Unpressed total	0°37'			0°14'
Toe +/- (°)	Unpressed total	0°38' *	0°14'	+/-0°07'	0°14'
	Pressed left	0°19' *	0°07'	+/-0°04'	0°08'
	Pressed right	0°19' *			0°07'
Maximum steering lock on curve inside wheel (°)	left				
	right				

ed = manually entered

\* Measurement is out of tolerance.

d = exceeds cross-tolerance

HTA-MB-WATDA-PA

WinAlign 15.1.1

MB Version 2.0

Spec: 5.01b

Daimler AG Vertrieb Personenwagen  
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